

CTCN Requests in a Snapshot – As of 16 August 2015

The interest of Non-Annex 1 countries in CTCN technical assistance and the formal submission of requests have grown steadily since the CTCN opened for business in December 2013. As of 16 August 2015, 30 Non-Annex 1 Parties have formally submitted a total of 43 requests for technical assistance to the CTCN¹.

What Kind of Technical Assistance is Requested by Countries?

Requests submitted to the CTCN by countries are ranging across the various stages of the technology cycle. As of today, the CTCN is supporting countries in undertaking the following:

- Identification of technology needs through assessment of vulnerability and climate change impacts;
- Identification and prioritization of technologies that are most appropriate to the national context;
- Assessment and feasibility of the deployment or production of specific technologies;
- Use and deployment of identified technologies in specific area or sector;
- Support to commercial maturity of innovative technologies.

In addition, countries have been seeking assistance to the CTCN for supporting various enablers of technology deployment, in particular to:

- Increasing access and availability of technology knowledge and data to inform decision-making (i.e. development of systems and tools for monitoring impacts vulnerability to climate change and progress toward increased resilience);
- Strengthening policy and legal frameworks to enable deployment of relevant technologies at national and sub-national level (i.e. development of regulations and strategies for enactment and implementation in countries);
- Increase capacities to access and attract public and private finance increase to enable financing of technology deployment (i.e. establishment of financial mechanisms, development of business models and feasibility study, etc.).

With the increase of request submissions, there is a need to focus technical assistance efforts on requests that have the most potential to trigger effective deployment of climate technologies in requesting countries, including through removing technology barriers, increasing enabling environment and creating linkages with existing efforts and with financiers and donors. That is why an important part of the CTCN responses to country requests also include support to the identification of funding sources and investors, and the development of proposals to enable large scale development of technologies.

Requests submitted focusing on adaptation technologies are less frequent than from mitigation. The majority of requests proposed by countries to the CTCN are in majority related to mitigation and low carbon development technologies (51%), while 33% are focused on adaptation technologies. In addition, 16 % of requests are related to both mitigation and adaptation themes. This confirms the importance of clarifying and communicating what technologies for adaptation exists and that CTCN can support.

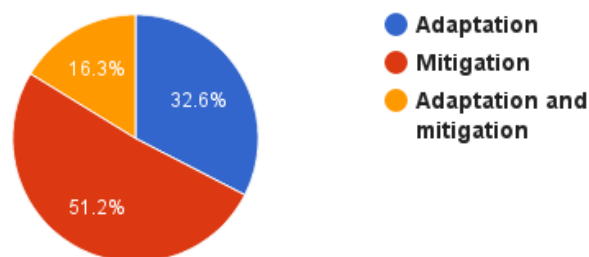


Figure 1: Distribution of requests by UNFCCC objectives

¹ More potential requests are in the pipeline or under discussion notably related to the integration of requests under the GEF-funded project

Requests proposed to the CTCN cover a wide range of sectors and technologies, providing further information on Non-Annex 1 country needs. Among adaptation requests, agriculture, water and early warning are identified as priorities. The remaining cross-sectoral requests related to adaptation are seeking support for monitoring and adaptation planning. Mitigation requests cover a wider range of sectors, with almost the majority concerning energy directly. Support for policy and planning is also an important part of cross-sectoral mitigation requests. Requests related to both adaptation and mitigation are mainly focused on technology prioritisation, and at institutional development and strengthening.

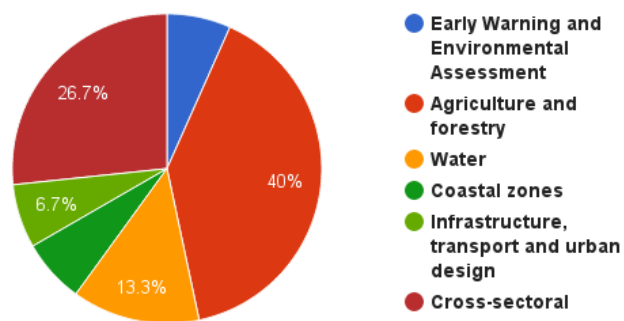


Figure 2: Distribution of requests related to adaptation, by sector

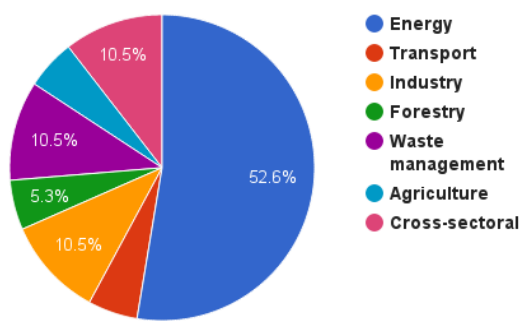


Figure 3: Distribution of requests related to mitigation, by sector

Who is Requesting Technical Assistance to the CTCN?

At present, the highest number of requests comes from countries with lower-middle-income economies (44% of requests), before countries with upper-middle-income economies (27%) and countries with low-income economies (17%) and high-income economies (10%). Among these requests, only 16% have been submitted by Least Developed Countries (LDCs). In addition 11% of the requests have been submitted by Small Island Developing States (SIDS). There is a need to further support Parties, particularly LDCs and SIDS to benefit from CTCN technical assistance services.

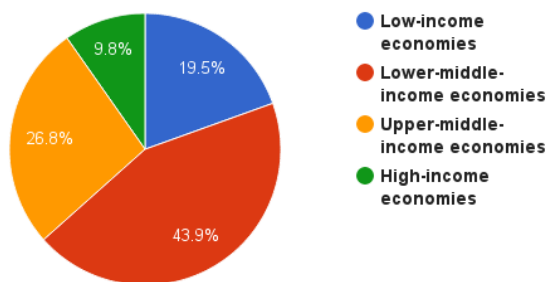


Figure 4: Distribution of requests per level of income²

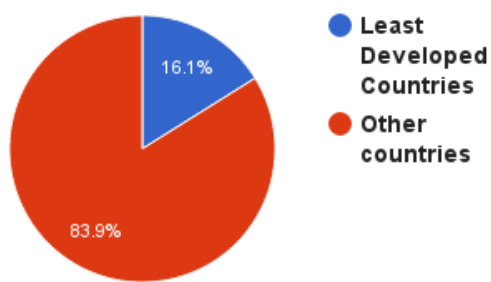


Figure 5: Share of requests from LDCs

Requests are fairly balanced among the different regions, with 16 requests received from Africa, 15 from Asia and the Pacific, 11 from Latin America and the Caribbean, and 1 from Eastern Europe.

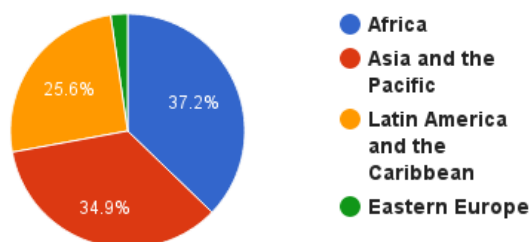


Figure 6: Distribution of requests by region³

² Based on the World Bank classification of the world's economies based on estimates of GNI per capita for the previous year. As of 1 July 2013, the World Bank income classifications by GNI per capita are as follows: Low income: \$1,035 or less ; Lower middle income: \$1,036 to \$4,085 ; Upper middle income: \$4,086 to \$12,615 ; High income: \$12,616 or more.

³ Classification of regions used by the UN Secretariat and UNFCCC

The proponents for the vast majority of Requests submitted are governmental organizations, typically a Ministry or a specialized/sectoral agency. There is a need to reach out more to other technology stakeholders such as SMEs and other private companies, research organizations, civil society, etc.

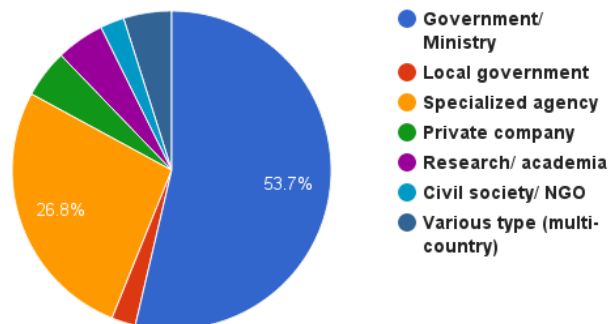


Figure 7: Distribution of requests by request proponent

Most requests submitted are seeking assistance at the national level. Among all requests submitted to date, 65% have a national focus, while 18% have a sub-national focus (province, city), and 10% have a community focus.

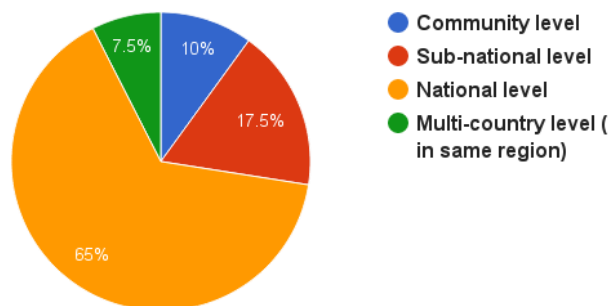


Figure 8: Distribution of requests by geographical focus

The vast majority of requests have been submitted by countries that have conducted a Technology Needs Assessment (TNA) between 2009 and 2013. Considering all countries that have conducted a ‘Second generation’ TNA that includes a Technology Action Plan (TAP), 55% of requests were submitted from countries that conducted a TNA, while 38% of them were submitted by countries that have not conducted a TNA yet. Among the 23 requests emanating from a TNA country, 13 of them concern priority sectors identified in TNAs and TAPs. There is a positive correlation between the requests received and countries that have conducted a TNA of ‘second generation’ (including TAP) between 2009 and 2013. However, not all requests submitted by countries that have conducted a TNA are directly related to TNA recommendations and priorities.

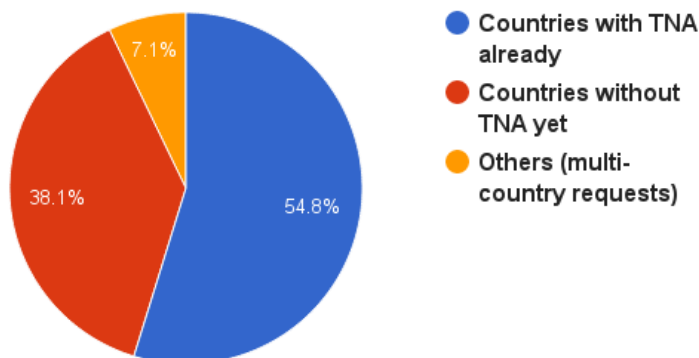


Figure 9: Distribution of requests based on conduction of TNAs in countries

Current Status of Requests Submitted to the CTCN:

Based on current prioritization criteria approved by the Advisory Board, most of the requests submitted to the CTCN have been deemed eligible. To date, out of the 43 requests for technical assistance submitted to the CTCN, only 2 have not been deemed eligible.

However, a number of requests that are deemed eligible have a wide scope of activities that need to be further refined and narrowed down when developing the response plan of the assistance. In March 2015, CTCN incurred its first cases of requests that were deemed eligible, but not prioritised at this time (4 requests) We anticipate the number of requests deemed eligible but not prioritised will increase in the coming month.

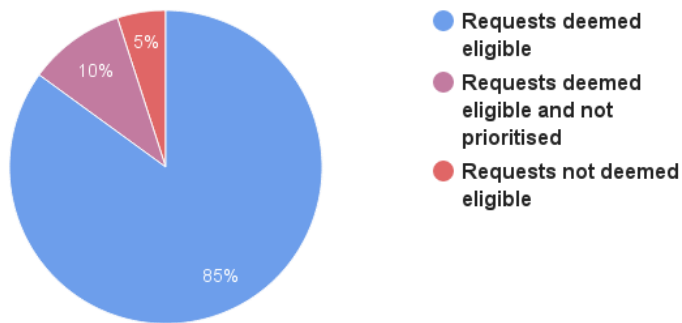


Figure 10: Distribution of requests based on their eligibility and prioritization

Among the requests eligible and prioritised, the CTCN is currently implementing or preparing the implementation of almost a third of them (10 out of 34), based on response plans approved by the countries and the CTCN Director. Both the number of requests and their progression by stage of development has increased each month, and this trend is anticipated to continue.

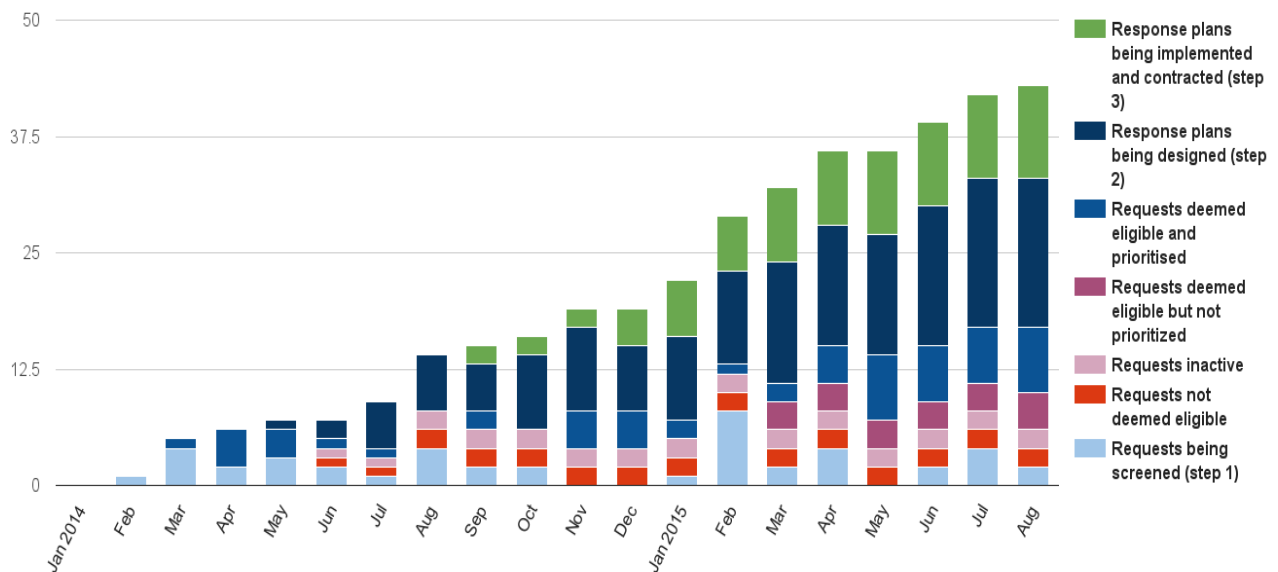


Figure 11: Status CTCN Technical Assistance Requests and Responses

Lists of Requests formally submitted to the CTCN, as of 29 July 2015:

Response Plans being Implemented and Contracted								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Technical Assistance Service Providers
1	Chile	Latin America and the Caribbean	Adaptation	Ecosystems	Design of Biodiversity Monitoring Network in the context of Climate Change	February 21, 2014	2014-001/CHL-01	CATIE, ICRAF
2	Colombia	Latin America and the Caribbean	Adaptation	Monitoring	National Adaptation" Monitoring System	March 18, 2014	2014-003/COL-01	CATIE, DTU, Instituto de Ecología y Biodiversidad de Chile
3	Pakistan	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technology Guidance and Support for Conducting the Technology Needs Assessment (TNA)	September 26, 2014	2014-015/PAK-02	DTU
4	Colombia	Latin America and the Caribbean	Mitigation	Energy	Monitoring and Evaluation of national promotion policies for energy efficiency (EE) and renewable energy (RE) against national targets	March 19, 2014	2014-004/COL-02	BF, NREL
5	Colombia	Latin America and the Caribbean	Mitigation	Waste	Development of a Mechanical-Biological Treatment (MBT) pilot project of the Waste NAMA	March 20, 2014	2014-005/COL-03	BF, GIZ
6	Multi-country	Africa	Mitigation	Cross-sectoral	Green Cooling Africa Initiative (GCAI)	August 8, 2014	2014-010/REG-AF-01	UNIDO, GIZ, CSIR, UNEP
7	Côte d'Ivoire	Africa	Adaptation	Monitoring	Mise en place d'un Système d'Information Environnementale (SIE) capable de guider le choix d'une bonne politique de développement durable et de favoriser une gestion optimale des questions de changements climatiques.	August 29, 2014	2014-013/CIV-02	ICRAF, ENDA
8	Mali	Africa	Adaptation	Agriculture	Renforcement de la mise en œuvre d'actions d'adaptation aux changements climatiques et de Développement propre par les communautés rurales au Mali	August 29, 2014	2014-012/MLI-01	ENDA, ICRAF, DTU
9	Afghanistan	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technical support and advise for the identification of technology needs in Afghanistan	May 4, 2014	2014-007/AFG-01	UNEP
10	Namibia	Africa	Adaptation	Water	Transformative water harvesting plan for Namibia	October 6, 2014	2014-017/NAM-01	CSIR
Response Plans being Designed								

#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
11	Iran (Islamic Republic of)	Asia and the Pacific	Mitigation	Energy	Technology of Photovoltaic Solar Cell Design and Manufacturing	June 3, 2014	2014-008/IRN-01	TERI, ECN UNIDO
12	Côte d'Ivoire	Africa	Mitigation	Cross-sectoral	Elaboration d'une stratégie visant la réduction des pollutions atmosphériques dans le district autonome d'Abidjan en vue contribuer aux efforts de réduction des effets néfastes des changements climatiques	August 21, 2014	2014-011/CIV-01	ENDA
13	Bhutan	Asia and the Pacific	Mitigation	Transport	Reducing GHG Emissions from Transport by Improving Public Transport Systems through Capacity Building and Use of Technology	October 21, 2014	2014-016/BTN-01	DTU, AIT
14	Iran (Islamic Republic of)	Asia and the Pacific	Mitigation	Energy	Micro Combined Heat and Power Technology	November 15, 2014	2014-018/IRN-02	ECN
15	Mauritius	Africa	Mitigation	Energy	Building Capacity for promoting a greenhouse gas mitigation strategy for the proposed power generation facility	November 17, 2014	2014-019/MUS-01	GIZ
16	Mauritius	Africa	Mitigation	Energy	Assessment and identification of technology needs and best practices for reducing the GHG emitting potential of the energy sector	November 17, 2014	2014-020/MUS-02	GIZ
17	Dominican Republic	Latin America and the Caribbean	Adaptation	Disaster/ Early Warning	A Community based early Warning System in Every pocket from Santo Domingo, D. N.	January 19, 2015	2015-023/DOM-01	GIZ, DHI
18	Indonesia	Asia and the Pacific	Adaptation	Disaster/ Early Warning	Integrated River and Coastal Management toward Sustainable Giant Sea Wall Technology Jakarta	February 5, 2015	2015-024/IDN-01	DHI
19	Uganda	Africa	Mitigation	Energy	Formulating Geothermal Energy Policy, Legal and Regulatory Framework	January 16, 2015	2015-022/UGA-01	NREL, UNEP
20	Indonesia	Asia and the Pacific	Mitigation	Waste	Development of Anaerobic Digester technology for palm Oil Empty Fruit Bunch (EFB) in Indonesia	February 5, 2015	2015-027/IDN-04	GIZ
21	Uruguay	Latin America and the Caribbean	Mitigation	Industry	Replacement of fluorinated refrigerants for end users of refrigeration equipment in the dairy sector	March 13, 2015	2015-031/URY-01	
22	Mali	Africa	Adaptation	Agriculture	Etude de faisabilité technique et économique pour lever les barrières à l'implantation de technologies de séchage et stockage de gombo, mangue et pommes de terre pour soutenir la sécurité alimentaire	April 24, 2015	2015-035/MLI-02	ENDA, CTI-PFAN
23	Multi-country	Africa	Adaptation	Agriculture	Capacity Building in Ecosystem-based Methods and Green Infrastructure for Sustainable Agriculture Intensification and Disaster Risk Management	March 31, 2015	2015-033/REG-AF-02	ICRAF

24	Senegal	Africa	Mitigation	Energy	Development of energy efficiency projects in industries and services	December 31, 2014	2015-021/SEN-01	
25	Antigua and Barbuda	Latin America and the Caribbean	Adaptation and mitigation	Cross-sectoral	Technical Assistance for the Implementation of Projects related to the Establishment of a Sustainable Financial Mechanism for Climate Change	February 8, 2015	2015-029/ATG-01	NREL
26	Senegal	Africa	Mitigation	Industry	Green Technology Deployment in Industrial Zones	February 9, 2015	2015-030/SEN-02	
27	Mongolia	Asia	Mitigation	Energy	Revision / Update of existing Renewable Energy Law of Mongolia and developing framework of activities for enactment of draft Law of Mongolia on Energy Conservation	April 24, 2015	2015-034/MNG-01	UDP, NREL
28	Dominican Republic	Latin America and the Caribbean	Mitigation	Energy	Developing a NAMA to leapfrog to advanced energy-efficient lighting technologies	March 30, 2015	2015-032/DOM-02	
29	Vietnam	Asia and the Pacific	Mitigation	Agriculture	Bio-waste minimization and valorization for low carbon production in rice sector	July 1, 2015	2015-040/VIE-01	
Requests Deemed Eligible and Prioritised								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
30	Mozambique	Africa	Mitigation	Waste	Feasibility study to use waste as fuel for cement factories	April 14, 2015	2015-036/MOZ-01	TBD
31	Albania	Eastern Europe	Mitigation	Energy	Regional Energy Efficiency Action Plan for ESD in Albania	June 25, 2015	2015-038/ALB-01	TBD
32	Guinea	Africa	Adaptation	Cross-sectoral	Optimiser l'accès de la Guinée aux financements de l'adaptation aux changements climatiques	June 26, 2015	2015-039/GIN-01	TBD
33	Madagascar	Africa	Adaptation and mitigation	Cross-sectoral	Creation d'un centre de developpement de technologies et d'education aux changements climatiques	July 28, 2015	2015-042/MDG-01	TBD
Requests under Screening								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
34	Syrian Arab Republic	Asia and the Pacific	Adaptation	Agriculture	Determination Technological Needs to Face Obstacles of Wheat Growing Related to Climate Change in Syria	July 1, 2015	2015-040/VIE-01	TBD
35	Chile	Latin America and the Caribbean	Mitigation	Cross-sectoral	Support to the replacement of F-refrigerants used in refrigeration system in food processing production and exports (fruits and vegetables)	August 5, 2015	2015-043/CHL-02	TBD
Requests Deemed Eligible but not Prioritised								

#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
36	Indonesia	Asia and the Pacific	Adaptation	Water	Development of the Ciliwung Watershed Management	February 5, 2015	2015-025/IDN-02	TBD
37	Indonesia	Asia and the Pacific	Mitigation	Energy	Development of Ocean Current Watershed Management	February 5, 2015	2015-026/IDN-03	TBD
38	Indonesia	Asia and the Pacific	Mitigation	Forest	Development of Integrated Carbon Measurements Methodology on Peat lands in Indonesia	February 5, 2015	2015-028/IDN-05	TBD
39	Senegal	Africa	Mitigation	Energy	Technical support for the POTOU Renewable Energy Technologies Plant (CSP and Wind)	June 16, 2015	2015-037/SEN-03	TBD
Requests not Deemed Eligible								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
40	Syrian Arab Republic	Asia and the Pacific	Adaptation and mitigation	Cross-sectoral	Technology Needs Assessment for Climate Change in Syria	August 6, 2014	2014-009/SYR-01	N/A
41	Pakistan	Asia and the Pacific	Adaptation	Agriculture and Fisheries	Propagation of Crop Production Process for Productivity Enhancement	March 18, 2014	2014-002/PAK-01	N/A
Inactive Requests								
#	Country	Region	Theme	Sector	Title	Date of submission	ID number	Response Expert Design Team
42	Multi-country	Latin America and the Caribbean	Adaptation and mitigation	Cross-sectoral	Consulta para diseno de un Centro Tecnologico de la Alianza Pacifica para el Cambio Climatico	September 9, 2014	2014-014/REG-LA-01	N/A
43	Honduras	Latin America and the Caribbean	Adaptation	Ecosystems	Strengthening local capacities at Cuyamel Omoa Protected Area	April 2, 2014	2014-006/HND-01	N/A